

Computer Network Lab



LAB WORK # 03

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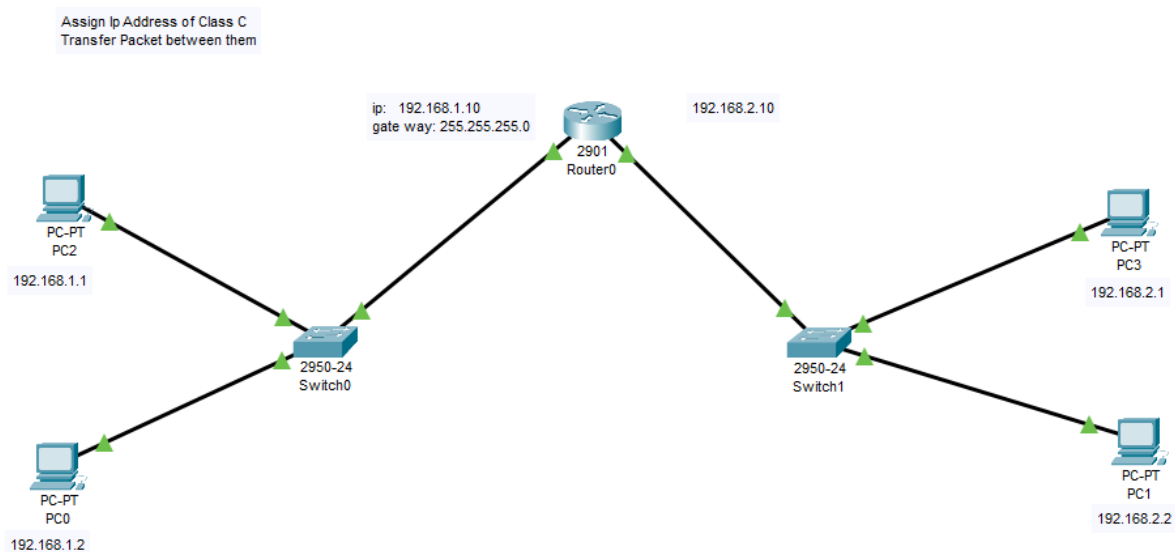
Session 2020-2024

Lab Task 04

Inter LAN Communication in CPT

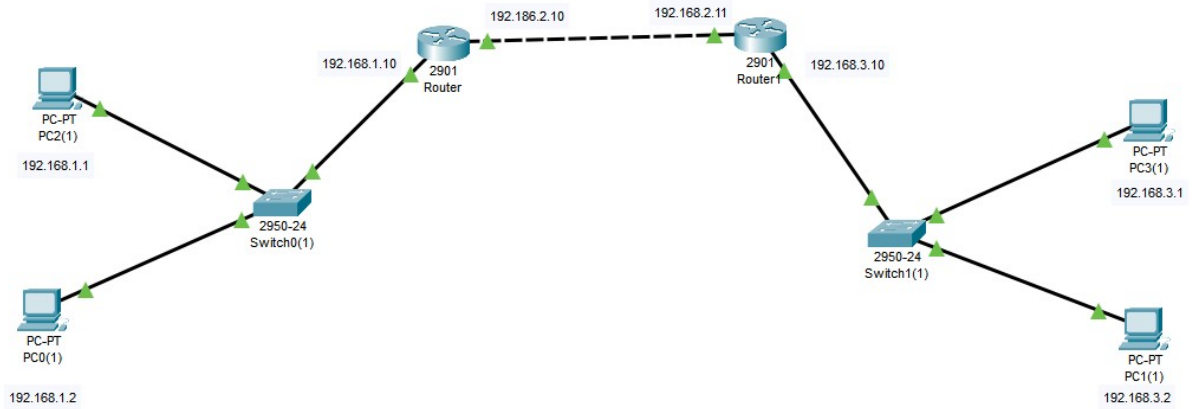
Design the following topologies and perform simulation in packet tracer.

- Assign IP Address of Class C
- Transfer packet between them.



Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit
	Successful	PC2	PC0	ICMP		0.000	N	0	(edit)
	Successful	PC2	PC3	ICMP		0.000	N	1	(edit)
	Successful	PC2	PC1	ICMP		0.000	N	2	(edit)
	Successful	PC2	PC2	ICMP		0.000	N	3	(edit)
	Successful	PC0	PC3	ICMP		0.000	N	4	(edit)
	Successful	PC0	PC1	ICMP		0.000	N	5	(edit)
	Successful	PC3	PC1	ICMP		0.000	N	6	(edit)

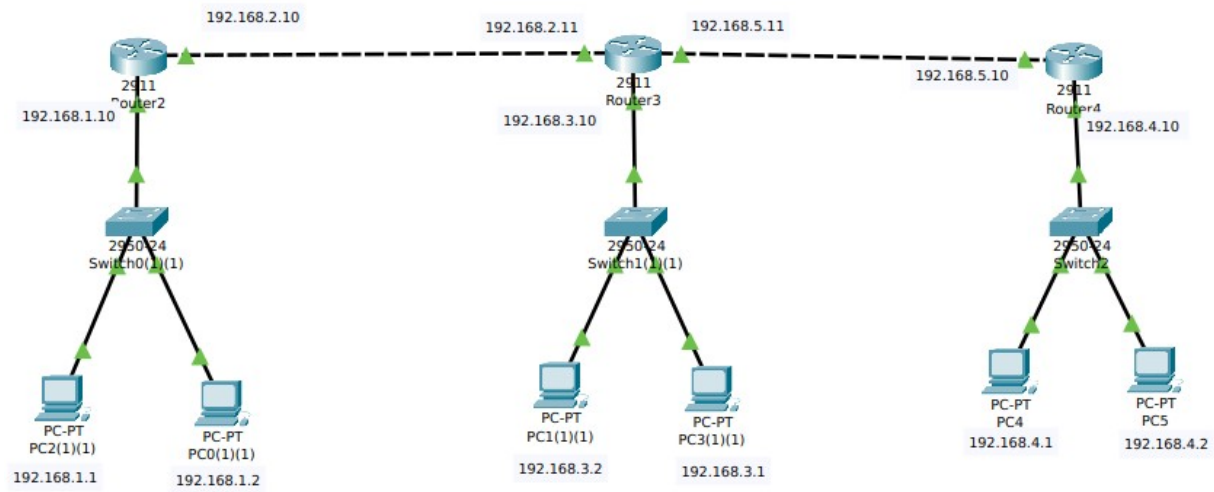
Figure 2 :Communication using two Router



DU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC2(1)	PC0(1)	ICMP		0.000	N	0	(edit)	
	Successful	PC2(1)	PC3(1)	ICMP		0.000	N	1	(edit)	
	Successful	PC2(1)	PC1(1)	ICMP		0.000	N	2	(edit)	
	Successful	PC0(1)	PC3(1)	ICMP		0.000	N	3	(edit)	
	Successful	PC0(1)	PC1(1)	ICMP		0.000	N	4	(edit)	
	Successful	PC3(1)	PC1(1)	ICMP		0.000	N	5	(edit)	

Figure 3: Communication using three routers



Packet List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC2(1)(1)	PC0(1)(1)	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC4	PC5	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC2(1)(1)	PC1(1)(1)	ICMP		0.000	N	2	(edit)	(delete)
	Successful	PC0(1)(1)	PC3(1)(1)	ICMP		0.000	N	3	(edit)	(delete)
	Successful	PC1(1)(1)	PC4	ICMP		0.000	N	4	(edit)	(delete)
	Successful	PC0(1)(1)	PC5	ICMP		0.000	N	5	(edit)	(delete)
	Successful	PC3(1)(1)	PC5	ICMP		0.000	N	6	(edit)	(delete)
	Successful	PC2(1)(1)	PC1(1)(1)	ICMP		0.000	N	7	(edit)	(delete)
	Successful	PC5	PC0(1)(1)	ICMP		0.000	N	8	(edit)	(delete)
	Successful	PC4	PC3(1)(1)	ICMP		0.000	N	9	(edit)	(delete)
	Successful	PC4	PC1(1)(1)	ICMP		0.000	N	10	(edit)	(delete)
	Successful	PC4	PC0(1)(1)	ICMP		0.000	N	11	(edit)	(delete)
	Successful	PC5	PC2(1)(1)	ICMP		0.000	N	12	(edit)	(delete)

